

# Table of contents

- Introduction
- Chapter 1 Temperature
- Chapter 2 Pressure
- Chapter 3 Position
- Chapter 4 Flow
- Chapter 5 Weighting
- Chapter 6 Level
- Chapter 7 Optoelectronics
- Chapter 8 Velocity and Acceleration
- Chapter 9 DC Amplifiers
- Chapter 10 Rotating Machines
- Chapter 11 Digital Logic
- Chapter 12 Computers
- Chapter 13 Communications and Distributed Systems
- Chapter 14 Closed Loop Control
- Chapter 15 Hydraulics
- Chapter 16 Pneumatics
- Chapter 17 The Man-Made Interface
- Chapter 18 Maintenance Fault Finding and Safety
- Chapter 19 Sensors and Transducers
- Chapter 20 Temperature Sensors
- Chapter 21 Pressure Transducers
- Chapter 22 Position Transducers
- Chapter 23 Flow Transducers
- Chapter 24 Strain Gauges
- Chapter 25 Loadcells and Weighing
- Chapter 26 Level Measurement
- Chapter 27 Optoelectronics
- Chapter 28 Velocity
- Chapter 29 Vibration and Acceleration
- Chapter 30 Analytical Instrumentation
- Chapter 31 DC Amplifiers
- Chapter 32 Rotating Machines and Power Electronics
- Chapter 33 Digital Circuits
- Chapter 34 Computers and Industrial Control
- Chapter 35 Hydraulics
- Chapter 36 Pneumatics and Process Control Valves
- Chapter 37 Recording and Display Devices
- Chapter 38 Closed Loop Control
- Chapter 39 Distributed Systems
- Chapter 40 Mechatronics and Intelligent Machines
- Chapter 41 Maintenance and Fault Finding
- Chapter 42 Safety
- Index

